

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION**

**ORDER 84-73**

**ORDER REQUIRING THE CALIFORNIA DEPARTMENT OF PARKS AND  
RECREATION, ANGEL ISLAND STATE PARK, TO CEASE AND DESIST  
FROM DISCHARGING WASTE CONTRARY TO REQUIREMENTS PRESCRIBED  
IN ORDER NO. 82-48**

**The California Regional Water Quality Control Board, San Francisco Bay Region,  
(hereinafter Board) finds that:**

- 1. On September 15, 1982, this Board adopted Order No. 82-48, an NPDES (National Pollutant Discharge Elimination System) permit prescribing discharge requirements covering the discharge of waste and pollutants by the California Department of Parks and Recreation, Angel Island State Park, (hereinafter discharger).**
- 2. The requirements of Order No. 82-48 provide as follows:**

**"B. Effluent Limitations**

- 1. The discharge of wastewater containing constituents in excess of the following limits is prohibited:**

	<u>Constituents</u>	<u>Units</u>	<u>30-day Average</u>	<u>7-day Average</u>	<u>Daily Maximum</u>	<u>Instan- taneous Maximum</u>
a.	BOD	mg/l	30	45	60	-
b.	Suspended Solids	mg/l	30	45	60	-
c.	Oil & Gease	mg/l	10	-	20	-
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e.	Settleable Matter	ml/l/hr	0.1	-	-	0.2

- 2. The arithmetic mean of the biochemical oxygen demand (5-day, 20 C) and suspended solids values, by weight, for effluent samples collected in a period of 30 consecutive calendar days shall not exceed 15 percent of the arithmetic mean of the respective values, by weight, for influent samples collected at approximately the same times during the same period (85 percent removal).**

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- 4. The waste as discharged shall meet the following limits of quality:**

**COLIFORM:**

**The total coliform bacteria for a median of five consecutive effluent samples shall not exceed 240 per 100 milliliters. Any single sample shall not exceed a most probable number (MPN) of**

10,000 total coliform bacteria per 100 milliliters when verified by a repeat sample taken within 48 hours.

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6. Representative samples of effluent shall not exceed the following limits more than the percentage of the time indicated:(1)

<u>Constituent</u>	<u>Unit of Measurement</u>	<u>50% of Time</u>	<u>10% of Time</u>
Arsenic	mg/l	0.01	0.02
Cadmium	mg/l	0.02	0.03
Total Chromium	mg/l	0.005	0.01
Copper	mg/l	0.2	0.3
Lead	mg/l	0.1	0.2
Mercury	mg/l	0.001	0.002
Nickel	mg/l	0.1	0.2
Silver	mg/l	0.02	0.04
Zinc	mg/l	0.3	0.5
Cyanide	mg/l	0.1	0.2
Phenolic Compounds	mg/l	0.5	1.0
Total Identifiable chlorinated Hydrocarbons(2)	mg/l	0.002	0.004

(1) These limits are intended to be achieved through secondary treatment, source control and application of pretreatment standards.

(2) Total Identifiable Chlorinated Hydrocarbons shall be measured by summing the individual concentration of DDT, DDD, DDE, aldrin, BHC, chlordane, endrin, heptachlor, lindane, dieldrin, polychlorinated biphenyls, and other identifiable chlorinated hydrocarbons.

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#### D. Provisions

1. The Discharger shall comply with the following time schedule to assure compliance with all Prohibitions, Effluent Limitations and Receiving Water Limitations in this Order:

<u>Task</u>	<u>Compliance Date</u>
(a) Begin design work for treatment plant	-September 20, 1982
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(c) Advertise for bids for treatment plant	-January 1, 1983
(d) Award contract for treatment plant	-February 1, 1983
(e) Complete construction of treatment plant	-July 1, 1983
(f) Achieve and maintain full compliance with this Order	-August 1, 1983

2. The Discharger is required to submit to the Regional Board by the fifteenth day of every month, beginning October 1, 1982, a report, under penalty of perjury, on progress toward compliance

fifteenth day of every month, beginning October 1, 1982, a report, under penalty of perjury, on progress toward compliance with this Order. If noncompliance or threatened noncompliance is reported, the reasons for noncompliance and an estimated completion date shall be provided."

3. In early 1981 the discharger funded and installed an experimental secondary treatment plant at Point Ione. By early 1982, after several months of unsuccessful attempts to get the plant to operate effectively, the Department removed the plant from the system.
4. On September 15, 1982 the Board adopted Order No. 82-48 which included a time schedule (Finding 2) for the construction and completion of a new secondary wastewater treatment plant. Construction was to be complete July 1, 1983, with full compliance by August 1, 1983.
5. The secondary wastewater treatment plant has not been constructed as scheduled. The discharger has experienced administrative and design delays. A final design has been completed and reviewed by staff.
6. During the period which includes August, 1983 until present, the discharger caused or permitted inadequately treated waste to be discharged into Central San Francisco Bay in the vicinity of Hospital Cove (see Attachment A). Said discharge is in violation of the effluent limitations and provisions stated in Finding 2. Effluent data from the septic system in 1981 show that BOD levels averaged @200 mg/l and suspended solids averaged @ 250 mg/l vs 30 mg/l limits required for secondary treatment effluent.
7. The discharger has completed construction of a new sewage collection system. This system includes septic and holding tanks joined throughout the island by the collection system - providing primary treatment prior to discharge at Point Ione. The system is probably reducing the effluent BOD and suspended solids levels somewhat from earlier levels but the discharge is still violating requirements.
8. On August 31, 1984, the Board issued Cleanup and Abatement Order No. 84-007 requiring the abatement of violations of current waste discharge requirements.
9. On October 17, 1984, after due notice to the discharger and other affected persons the Board conducted a public hearing at which evidence was received and considered concerning the violations of discharge requirements.
10. The Board finds that this action is an order to enforce waste discharge requirements previously adopted by the Board. This action is therefore categorically exempt from the provisions of the California Environmental Quality Control Act (CEQA) pursuant to Section 15321 of the Resources Agency Guidelines.

IT IS HEREBY ORDERED THAT the California Department of Parks and Recreation, Angel Island State Park, cease and desist from discharging wastes contrary to the waste discharge requirements listed in Finding 2 of this Order as follows:

1. The discharger shall comply with Effluent Limitations and Provisions

referenced in Finding 2 in accord with the following time schedule:

<u>Task</u>	<u>Compliance Date</u>
(a) Award contract for new treatment plant	- December 17, 1984
(b) Complete construction of new treatment plant	- June 17, 1985
(c) Achieve and maintain full compliance with this Order	- September 1, 1985

The discharger shall submit to the Board, on or before each compliance report date, a report detailing his compliance or noncompliance with the specific schedule date and task. If noncompliance is being reported, the reasons for such noncompliance shall be stated, plus an estimate of the date when the discharger will be in compliance. The discharger shall notify the Board by letter when he has returned to compliance with the time schedule.

2. If the Executive Officer finds that the discharger has failed to comply with the provisions of this Order, he is authorized, after approval of the Board Chairman, to request the Attorney General to take appropriate enforcement action against the discharger, including injunction and civil remedies (including closure of the facility), if appropriate.
3. If the Executive Officer determines that the provisions of this Order are violated and does not refer the matter to the Attorney General, he is instructed to report to the Board the reason that the discharger has been unable to comply with the provisions of this Order.

I, Roger B. James, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on October 17, 1984.

ROGER B. JAMES  
Executive Officer

